

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	20	borkan-william-n.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/15 09:51
L2	4217	(wire NEAR extension)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/15 09:56
L3	2926	((medical OR stimulation) NEAR lead)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/15 09:56
L4	19	L2 AND L3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/15 10:16
L5	14348	(optical NEAR channel)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/15 10:11
L6	8	L5 AND L3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/15 10:15
L7	4	(L5 AND L3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/15 10:16
L8	1	"6832115".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/15 10:16
L9	3	(L2 AND L3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/15 10:19
L10	482	intrathecal NEAR space	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/15 10:19
L11	54	L3 AND L10	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/15 10:19

## EAST Search History

S1	15	("3449768" "3727616" "4379462" "4414986" "4459989" "4612934" "4793353" "5374285" "5423877" "5782760" "5891094" "5938690" "6099514" "6237605" "6302898").PN.	USPAT	OR	OFF	2006/08/08 09:44
S2	20	borkan-william-n.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/15 09:49
S3	23	("3449768"   "3727616"   "4379462"   "4459989"   "4612934"   "4628942"   "4793353"   "5121754"   "5179962"   "5374285"   "5423877"   "5499981"   "5649970"   "5755750"   "5782760"   "5938690"   "6129685"   "6169916"   "6192279"   "6237605").PN. OR ("6510347").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/30 11:50
S4	30	("4633889"   "5081990").PN. OR ("5423877").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/30 11:54
S5	21	("3449768"   "3727616"   "4379462"   "4459989"   "4612934"   "4628942"   "4793353"   "5121754"   "5179962"   "5374285"   "5423877"   "5499981"   "5649970"   "5755750"   "5782760"   "5938690"   "6129685"   "6169916"   "6192279"   "6237605").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/30 12:37
S6	148	607/117.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/30 12:38
S7	149	607/117.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/30 12:51
S8	796	607/116.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/30 13:08
S9	476	607/115.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/30 13:16
S10	1398	607/122.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/30 13:16

## EAST Search History

S11	53	(US-20050038489-\$ or US-20020128700-\$ or US-20010025192-\$ or US-20050027341-\$ or US-20050027340-\$ or US-20050027339-\$ or US-20050027338-\$ or US-20030009207-\$ or US-20040064172-\$ or US-20040024440-\$ or US-20030236562-\$).did. or (US-6099514-\$ or US-5423877-\$ or US-4414986-\$ or US-4379462-\$ or US-6510347-\$ or US-6999819-\$ or US-6970747-\$ or US-6192279-\$ or US-6169916-\$ or US-5121754-\$ or US-6456874-\$ or US-5081990-\$ or US-6129685-\$ or US-5782760-\$ or US-6847849-\$ or US-6587733-\$ or US-6233488-\$ or US-6175769-\$ or US-6104957-\$ or US-6055456-\$ or US-5733322-\$ or US-6210417-\$ or US-6208881-\$ or US-6181971-\$ or US-5807324-\$ or US-5480421-\$). did. or (US-5456254-\$ or US-5360441-\$ or US-6149673-\$ or US-6985777-\$ or US-6684109-\$ or US-6669693-\$ or US-6592581-\$ or US-6389320-\$ or US-6301507-\$ or US-6106522-\$ or US-5921924-\$ or US-5902331-\$ or US-5855552-\$ or US-5755760-\$ or US-5662697-\$ or US-5423772-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/30 14:20
S12	34	S11 AND @ad<="20000817"	USPAT	OR	OFF	2006/04/30 16:16
S13	1	"6510347".pn.	USPAT	OR	OFF	2006/05/01 08:26
S14	21	("3449768"   "3727616"   "4379462"   "4459989"   "4612934"   "4628942"   "4793353"   "5121754"   "5179962"   "5374285"   "5423877"   "5499981"   "5649970"   "5755750"   "5782760"   "5938690"   "6129685"   "6169916"   "6192279"   "6237605").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/30 16:15
S15	67321	catheter	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/30 16:15
S16	28022	fiber NEAR optics	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/30 16:15
S17	1267	S15 AND S16	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/30 16:16

## EAST Search History

S18	466	S17 AND sheath	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/30 16:16
S19	203	S18 AND @ad<="20000817"	USPAT	OR	OFF	2006/04/30 16:31
S20	9401	spinal NEAR cord	USPAT	OR	OFF	2006/04/30 16:30
S21	630715	lead OR catheter	USPAT	OR	OFF	2006/04/30 16:30
S22	830	S20 SAME S21	USPAT	OR	OFF	2006/04/30 16:30
S23	154	S22 AND sheath	USPAT	OR	OFF	2006/04/30 16:30
S24	85	S23 AND @ad<="20000817"	USPAT	OR	OFF	2006/04/30 16:31
S25	64	("3348548"   "3367339"   "3769984"   "3825015"   "3890977"   "3995623"   "4044774"   "4141365"   "4285347").PN. OR ("4379462"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/30 16:55
S26	64	("3348548"   "3367339"   "3769984"   "3825015"   "3890977"   "3995623"   "4044774"   "4141365"   "4285347").PN. OR ("4379462"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/30 16:58
S27	630715	lead OR catheter	USPAT	OR	OFF	2006/05/01 08:29
S28	55879	S27 AND (inlet AND outlet)	USPAT	OR	OFF	2006/05/01 08:29
S29	25811	S28 AND passage	USPAT	OR	OFF	2006/05/01 08:29
S30	719	S29 AND (anchor)	USPAT	OR	OFF	2006/05/01 08:27
S31	40102	catheter	USPAT	OR	OFF	2006/05/01 08:29
S32	3750	S31 AND (inlet AND outlet)	USPAT	OR	OFF	2006/05/01 08:29
S33	2085	S32 AND passage	USPAT	OR	OFF	2006/05/01 08:29
S34	1767	S33 AND @ad<="20000817"	USPAT	OR	OFF	2006/05/01 09:44
S35	23	("3449768"   "3727616"   "4379462"   "4459989"   "4612934"   "4628942"   "4793353"   "5121754"   "5179962"   "5374285"   "5423877"   "5499981"   "5649970"   "5755750"   "5782760"   "5938690"   "6129685"   "6169916"   "6192279"   "6237605").PN. OR ("6510347").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 08:48
S36	21	("3449768"   "3727616"   "4379462"   "4459989"   "4612934"   "4628942"   "4793353"   "5121754"   "5179962"   "5374285"   "5423877"   "5499981"   "5649970"   "5755750"   "5782760"   "5938690"   "6129685"   "6169916"   "6192279"   "6237605").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 08:49
S37	85	S34 AND spinal	USPAT	OR	OFF	2006/05/01 08:57

## EAST Search History

S38	20	neurostimulation NEAR lead	USPAT	OR	OFF	2006/05/01 08:57
S39	23	("4044774"   "4141365"   "4285347"   "4379462"   "4414986"   "4538624"   "4549556"   "4800898"   "5344439").PN. OR ("5733322").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 09:42
S40	100726	fiber NEAR optics	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 09:43
S41	37	optical NEAR therapy	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 09:43
S42	5870	(S41 OR S40) AND catheter	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 09:43
S43	885	S42 AND spinal	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 09:43
S44	2586	S42 AND @ad<="20000817"	USPAT	OR	OFF	2006/05/01 09:44
S45	29410	fiber NEAR optics	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 14:02
S46	1	S45 AND (stimulation NEAR lead)	USPAT	OR	OFF	2006/08/03 14:07
S47	1	S45 AND (medical NEAR lead)	USPAT	OR	OFF	2006/08/03 14:05
S48	4	S45 AND (medical NEAR lead)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/03 14:05
S49	3	S45 AND (stimulation NEAR lead)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/03 14:20
S50	1	"10712053"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/03 16:11

## EAST Search History

S51	279	("3057356"   "3478746"   "3508167"   "3669095"   "3686958"   "3718142"   "3789667"   "3825015"   "4012641"   "4041954"   "4050004"   "4071032"   "4091818"   "4200110"   "4210029"   "4254776"   "4325382"   "4333053"   "4341221"   "4379262"   "4432363"   "4450408"   "4476870"   "4491768"   "4545381"   "4611127"   "4677471"   "4686964"   "4691164"   "4719159"   "4727874"   "4763075"   "4784461"   "4798443"   "4800883"   "4804244"   "4827906"   "4827934"   "4858610"   "4879992"   "4880004"   "4903701"   "4911525"   "4930521"   "4934785"   "4987897"   "4991590"   "5010888"   "5055810"   "5058586"   "5061680"   "5089697"   "5113859"   "5131409"   "5154387"   "5158932"   "5168871"   "5178149"   "5214730"   "5217009"   "5217010"   "5226210"   "5240004"   "5243979"   "5265602"   "5267564"   "5324310"   "5330512"   "5348010"   "5354220"   "5370668"   "5387229"   "5387232"   "5402070"   "5410413"   "5415653"   "5425373"   "5435308"   "5435316"   "5438987"   "5445151"   "5453838"   "5454837"   "5456698"   "5464014"   "5476095"   "5520190"   "5523534"   "5569158"   "5570671"   "5574811"   "5575772"   "5582170"   "5590227"   "5601611"   "5603697"   "5604433"   "5611016"   "5619605"   "5626618"   "5626619"   "5631988"   "5634720"   "5649965"   "5653735"   "5654317"   "5658966"   "5679026"   "5683435"   "5697958"   "5699801"   "5709225"   "5716386"   "5723856"   "5733247"   "5738105"   "5749910"   "5752977"   "5755739"   "5755742"   "5759197"   "5761354"   "5766227"   "5772604"   "5774501").PN. OR ("5776167"   "5776168"   "5782241"   "5782880"   "5808730"   "5814087"   "5814089"   "5814090"   "5814091"   "5817130"   "5817133"   "5817136"   "5818990"   "5827195"   "5827997"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 15:06
2/15/2007 10:25:52 AM C:\Documents and Settings\steve\My Documents\Searches\10712053.wsp						

## EAST Search History

S52	1	"5634720".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 15:06
S53	1	"6036654".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 15:06
S54	1	"5374285".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/03 16:11
S55	0	photonic NEAR therapy	USPAT	OR	OFF	2006/08/07 11:01
S56	25	photon NEAR therapy	USPAT	OR	OFF	2006/08/07 11:07
S57	1	"6829509".pn.	USPAT	OR	OFF	2006/08/07 13:08
S58	40858	catheter	USPAT	OR	OFF	2006/08/07 12:44
S59	332	S58 AND (extension NEAR wire)	USPAT	OR	OFF	2006/08/07 12:44
S60	1	S59 AND elecrode	USPAT	OR	OFF	2006/08/07 12:44
S61	32	S59 AND electrode	USPAT	OR	OFF	2006/08/07 12:44
S62	1	"6237605".pn.	USPAT	OR	OFF	2006/08/07 14:49
S63	694	S58 AND (electrode WITH degree)	USPAT	OR	ON	2006/08/07 14:49
S64	63	S58 AND (electrode SAME degree SAME exterior)	USPAT	OR	ON	2006/08/07 14:59
S65	23	("3449768"   "3727616"   "4379462"   "4459989"   "4612934"   "4628942"   "4793353"   "5121754"   "5179962"   "5374285"   "5423877"   "5499981"   "5649970"   "5755750"   "5782760"   "5938690"   "6129685"   "6169916"   "6192279"   "6237605").PN. OR ("6510347").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/07 14:50
S66	187	S58 AND (electrode SAME degree SAME extend)	USPAT	OR	ON	2006/08/07 15:05
S67	1	(neurostimulation NEAR lead) AND (electrode SAME degree SAME extend)	USPAT	OR	ON	2006/08/07 15:06
S68	5	(neurostimulation NEAR lead) AND (electrode SAME degree)	USPAT	OR	ON	2006/08/07 15:07
S69	1	"6832115".pn.	USPAT	OR	ON	2006/08/07 15:08
S70	16	("3449768"   "3727616"   "4379462"   "4414986"   "4459989"   "4612934"   "4793353"   "5374285"   "5423877"   "5782760"   "5891094"   "5938690"   "6099514"   "6237605"   "6302898").PN. OR ("6832115").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/07 15:09

## EAST Search History

S71	76	neurostimulation AND sheath AND electrode AND degree AND exterior	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/07 15:18
S72	345	catheter SAME electrode SAME degree	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/07 15:18
S73	768	catheter SAME electrode SAME degree	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 15:41
S74	38	catheter AND (extend SAME sheath SAME degree SAME electrode)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 16:06
S75	77	607/117.ccls. AND degree	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 16:13
S76	41	607/117.ccls. AND curve	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 16:14
S77	326	607/116.ccls. AND degree	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 16:24
S78	3	("5054492" "5456254" "6505082").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 16:27
S79	2	("4903702" "5265608").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 16:27
S80	20	("20030083724" "4961434" "5000194" "5114744" "5374285" "5423877" "5455998" "5562722" "5649970" "5800465" "5843148" "5895416" "5913882" "6038480" "6052624" "6319241" "6473653" "6493590" "6510347" "6721604").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 16:28
S81	25	("20020022872" "20020027336" "3474791" "3485247" "3646940" "3949757" "3974834" "4735205" "4744370" "0452220" "5127403" "5489275" "5501703" "5643339" "5824030" "5919222" "5927277" "6011996" "6178354" "6253109" "6466811" "6666864").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 16:33
S82	10	("3911928" "5405373" "5578067" "5713944" "6134478" "6212434" "6240320" "6526321" "6587733" "H001905").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 16:34

## EAST Search History

S83	10	("3911928" "5405373" "5578067" "5713944" "6134478" "6212434" "6240320" "6526321" "6587733" "H001905").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 16:34
S84	1	("5755761").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 16:34
S85	1	"5755761".PN.	USPAT	OR	OFF	2006/08/08 09:44
S86	37	("3729008"   "3734095"   "3902501"   "3903897"   "4010755"   "4351345"   "4357947"   "4365639"   "4962767"   "5127403"   "5165403"   "5269326"   "5304139"   "5312444"   "5403351"   "5403356"   "5423772"   "5450846"   "5476498"   "5545204"   "5549581").PN. OR ("5755761").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 09:44
S87	44	("3825015"   "3903897"   "3911928"   "3915174"   "3942536"   "3995623"   "4010755"   "4091817"   "4355646"   "4365639"   "4394866"   "4444195"   "4499907"   "4585004"   "4595012"   "4608986"   "4630611"   "4686987"   "4754753"   "4759367").PN. OR ("5127403").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 09:47
S88	64	("3326207"   "3548813"   "3572344"   "3710174"   "3865118"   "3937226"   "3983867"   "4164939"   "4172451"   "4198963"   "4216780"   "4236525"   "4289138"   "4354497"   "4365639").PN. OR ("4630611").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 10:10
S89	1	"6829509".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 10:12
S90	78	photonic NEAR catheter	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 10:18
S91	1	photonic NEAR therapy	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 10:16
S92	593	light NEAR therapy	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 10:16
S93	475	optical NEAR catheter	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 10:18

## EAST Search History

S94	0	implantable NEAR optical NEAR catheter	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 10:24
S95	435	fiber NEAR optic NEAR catheter	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 10:28
S96	69	S95 AND photonic	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 10:30
S97	2606	catheter WITH optical	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 10:30
S98	125	S97 AND photonic	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 10:32
S99	1	"6236879".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 10:33